

BOROUGH OF EASTLEIGH.

## A N N U A L R E P O R T

of

THE MEDICAL OFFICER OF HEALTH FOR 1942.STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (In acres)	6,320
Registrar-General's Estimate of:	
(a) Resident population mid 1942	27,140
(b) Average population appropriate to the calculation of death rates	27,140
Number of Inhabited Houses	7,714
Rateable Value (1st October 1942)	£171,920
Product of Penny Rate (1st October 1942)	£716
Estimated Weekly Average of Unemployment	Nil

EXTRACTS FROM VITAL STATISTICS.

	For calculating Infant and Maternal Mortality Rates		For calculating Birth Rates.	
	<u>Male.</u>	<u>Female.</u>	<u>Male.</u>	<u>Female.</u>
<u>Live Births</u>				
Total	218	227	218	227
Legitimate	208	218	208	218
Illegitimate	10	9	10	9

Birth Rate per 1,000 estimated resident population - 16.396

	<u>Male.</u>	<u>Female.</u>	<u>Male.</u>	<u>Female.</u>
<u>Still Births.</u>				
Total	4	6	4	6
Legitimate	4	3	4	3
Illegitimate	-	3	-	3

Rate per 1,000 total (Live and Still) births - 21.978

Deaths	<u>Total</u>	<u>Male.</u>	<u>Female.</u>
	270	153	117

Death rate per 1,000 of the estimated average population - 9.948.

Deaths from Puerperal Causes (Heading 29 and 30 of the Registrar-General's Short List)

	<u>Deaths.</u>	<u>Rate per 1,000 (Live and Still) Births</u>
No. 29. Puerperal and Post Abortion Sepsis	-	-

	<u>Deaths.</u>	<u>Rate per 1,000 (Live and Still) Births</u>
No. 30. Other Maternal Causes	1	2.197

Death of Infants under one Year of Age:

	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate	4	2	6
Illegitimate	-	-	-

Death Rate of Infants under one Year of Age:

All infants per 1,000 live births	13.48
Legitimate infants per 1,000 legitimate births	14.08
Illegitimate infants per 1,000 illegitimate births	-

Deaths from Cancer (all ages)	48
Deaths from Measles (all ages)	-
Deaths from Whooping Cough (all ages)	-
Deaths from Diarrhoea (under 2 years of age)	1

#### GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

##### PUBLIC HEALTH OFFICERS.

- (a) Part-time Medical Officer of Health.
- (b) Three Sanitary Inspectors.
- (c) Three Female Clerks.

During the year 1942 there have been no changes in the arrangements for the following:

- (a) Laboratory Facilities.
- (b) Ambulance Facilities.
- (c) Hospitals - Public and Voluntary.
- (d) Maternal Mortality.
- (e) Maternity and Nursing Homes.

##### SANITARY CIRCUMSTANCES OF THE AREA.

###### (a) Water.

Eastleigh is supplied with water by the Southampton Corporation Water Works and I am indebted to J. Hawksley Esq., B.Sc., M.Inst.C.E., (Water Works Engineer and Manager) for the following information.

"This water supply is derived principally from wells in the upper chalk at Otterbourne and Twyford, in addition to which a small quantity of water is now pumped from the River Itchen at Otterbourne, to augment the supplies from the wells. All water is sterilised at the pumping stations before being delivered to the service reservoirs, and water derived from the River Itchen is subjected to careful treatment by means of sedimentation and filtration in modern purification plant.

Under peace conditions the supply was softened at the pumping stations, but since the outbreak of war it has been necessary to suspend the process of softening. The Southampton Corporation is under no statutory obligation to

soften the water, and softening will not be recommenced during the continuation of the war.

The water has been satisfactory in quality and quantity during the year and the following recent chemical analysis of water from the Otterbourne wells is typical of the present supply".

# CHEMICAL ANALYSIS (August 1942)

	<u>Parts per 100,000.</u>
Total Solids	34.1
Loss upon Ignition	5.1
Free and Saline Ammonia (a)	Nil
(b)	0.0040
Albuminoid Ammonia (a)	0.0001
(b)	0.0001
Chlorine (C.l.) combined	1.5
Sodium Chloride (Na.Cl)	2.5
Nitrites	Nil
Nitrates (N)	0.29
Sulphates (S.O <sub>3</sub> )	0.57
Phosphates	Nil
Lead	Absent
Iron	Absent
Zinc	Absent
Reaction (pH)	8.0
(Permanent	3.6
Hardness (Temporary	20.7
(Total	24.3

NOTE:- Ammonia Results (a) Before Chloramine treatment.  
(b) After Chloramine treatment.

## BACTERIOLOGICAL EXAMINATION.

The water is subjected to regular bacteriological examination, and during the year 1942 the results of the examination of samples of water from the outlets to the service reservoirs from which the supply for the Borough of Eastleigh is derived were as follows:

Total number of samples	B. Coli		
	Absent in 100 c.c.	1-2 present in 100 c.c.	3-10 present in 100 c.c.
103	102	1	Nil



## Water Supply.

During the year two samples of water were taken and submitted to the County Laboratory for chemical and bacteriological examination. Both samples proved to be satisfactory.

### (b) Drainage and Sewerage.

During the year, 142 drains were repaired or cleansed and 2 houses were connected to the public sewer.

### (c) Rivers and Streams.

One complaint of waste water being discharged into a stream was received during 1942. This nuisance was abated.

### (d) Closet Accommodation.

Fifty watercloset fittings or watercloset compartments were repaired or cleansed during the year.

### (e) Public Cleansing.

There has been no change in the scavenging of the district during the year. The bulk of the towns refuse was tipped at a tip situated in Sandy Lane, Fair Oak.

### (f) Sanitary Inspection of the Area.

During the year 1,926 inspections were made by the Sanitary Staff.

### (g) Number of Notices Served.

To secure the abatement of nuisances and the removal of conditions dangerous to health the following action was taken:

No. of Informal Notices served	262
No. of Informal Notices complied with	234
No. of Statutory Notices served	6
No. of Statutory Notices complied with	3

### (h) Complaints received.

During the year 262 complaints relating to matters were received and attended to by the Sanitary Staff.

### (i) Nuisances Abated and Work Done.

The number of nuisances abated or work done either as a result of informal or statutory action is as follows:

i. As a result of informal action	410
ii. As a result of statutory action	3
	<hr/> 413

### (j) Factories.

Defects found in factories and other premises during the year were:

(a) Want of cleanliness	4
(b) Insufficient Closet Accommodation	4

All the above defects were remedied.

The number of inspections of factories carried out during the year were:

- (a) Factories with mechanical power 29, and 4 written notices were sent.
- (b) Factories without mechanical power 6, when 2 written notices were sent.

(k) Shops.

Fifty-three visits were paid to shops during the year. Two informal notices were served, one notice being complied with.

(l) Smoke Abatement.

One complaint was received during the year. Twelve observations in respect of two factories being made.

(m) Eradication of bed bugs.

Number of Council houses found to be verminous	1
Number of other houses found to be verminous	<u>18</u>
	<u>19</u>

In all cases infested rooms and their contents were sprayed with Zaldecide.

The work of disinfection is carried out by the local authority. Several rooms required more than one application of the insecticide, and during the year 1942 the following work was carried out by the Department.

Houses inspected for vermin	129
Houses found to be verminous	18
Rooms sprayed for vermin	42

(n) Rats and Mice.

Twelve complaints regarding premises infested with rats and mice were received during the year and forty-eight visits were made. Of the twelve complaints received, five were in respect of dwelling-houses; four were in respect of shops; two in respect of restaurants and one in respect of waste land.

Investigation showed that rat infestation occurs chiefly in blocks of premises including one or more food shops when it appears that the rats use the food shops as feeding centres and adjoining houses as dormitories. This position is aggravated in this district to a great extent by the existence of terrace property, the partition walls of which, do not extend up to roof level, thereby giving easy access to the rats to the whole block.

In all cases, advice was given to the occupiers and leaflets and pamphlets issued by the Ministry of Food on this matter detailing suitable baits and methods of eradication were left with householders.

(o) Camping Sites.

Two applications were received during the year to use Caravans as temporary dwellings. In both cases licences were issued for a period of one year as the site and construction and amenities of the caravans proved satisfactory.

(p) During the year 1942 there have been no changes, and no nuisances have been discovered in the following:

- (1) Schools.
- (2) Tents, Vans and Sheds.
- (3) Offensive Trades.
- (4) Common Lodging Houses.
- (5) Houses let in Lodgings.

(q) Petroleum (Consolidation) Act, 1928.

At the commencement of the year sixteen licences were issued for the storage of Petroleum, Carbide of Calcium, and Hydrocarbon, entailing the storage of 8,480 gallons of petroleum, 10,256 lbs. of carbide of calcium and 400 gallons of hydrocarbon.

HOUSING.

A. STATISTICS.

Number of new houses erected during the year:-

- |                                   |      |
|-----------------------------------|------|
| (i) By the Local Authority        | Nil. |
| (ii) By other Local Authorities   | Nil. |
| (iii) By other bodies and persons | Nil. |

1. Inspection of Dwelling-houses during the year.

- |  |      |
|--|------|
| (1) (a) Total number of dwelling-houses inspected for Housing defects (under Public Health or Housing Acts)  | 247  |
| (b) Number of inspections made for the purpose   | 993  |
| (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1923 and 1932 | 1    |
| (b) Number of inspections made for the purpose   | 6    |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation                                     | Nil. |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation. | 247  |

2. Remedy of defects during the Year without the service of formal notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	234
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3. Action under Statutory Powers during the Year:

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:

- |   |     |
|---|-----|
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs | Nil |
|---|-----|



- |  |      |
|--|------|
| (2) Number of dwelling-houses which were rendered fit after service of formal notices: |      |
| (a) By owners  | Nil. |
| (b) By Local Authority in default of owners  | Nil. |
| (c) Outstanding at 31st December, 1942   | Nil. |

B. Proceedings under Public Health Acts:

- |  |   |
|--|---|
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | 6 |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices:          |   |
| (a) By owners  | - |
| (b) By Local Authority in default of owners  | 3 |
| (c) Outstanding at 31st December 1942  | 4 |

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936:

- |  |      |
|--|------|
| (1) Number of dwelling-houses in respect of which Demolition Orders were made  | Nil. |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders.  | Nil. |
| (3) Number of dwelling-houses in respect of which an undertaking was accepted from the owners                                | Nil. |
| (4) Number of dwelling-houses in respect of which undertakings were determined the dwelling-houses having been rendered fit. | Nil. |

D. Proceedings under Section 12 of the Housing Act, 1936:

- |   |      |
|---|------|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made  | Nil. |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | Nil. |

4. Housing Act, 1936 - Part IV.

- |  |      |
|--|------|
| (a) (1) Number of dwellings overcrowded at the end of the year   | Nil. |
| (2) Number of families dwelling therein                          | Nil. |
| (3) Number of persons dwelling therein                           | Nil. |
| (b) Number of new cases of overcrowding reported during the year | -    |

- (c) (1) Number of cases of overcrowding relieved during the year -  
 (2) Number of persons concerned in such cases -
- (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding Nil.
- (e) Any other particulars with respect to overcrowding conditions Nil.

## INSPECTION AND SUPERVISION OF FOOD.

### (A) MILK SUPPLY.

#### 1. Cowsheds, Dairies and Milkshops.

The number of cowkeepers, dairymen and dairies registered with the Borough are:

Cowkeepers	29.
Cowsheds	53.
Retailers	1.
Dairies	31.
Retail Purveyors	56.

During 1942 the following visits were paid to dairy premises:

Cowsheds	148.
Dairies and milkshops	121.
	<u>269.</u>

#### 2. Bacteriological Examination of Milk.

Milk sampling for examination for the presence of tubercle bacilli is carried out by the County Council.

#### 3. Graded Milk.

The following licences were in force during the Year:

Licence to produce "Accredited" milk (issued by the County Council).	4.
Licence to bottle and retail "Accredited" Milk.	1.
Licence to retail "Tuberculin Tested" (Certified) Milk.	1.
Licence to pasteurise Milk.	2.

During the year 56 samples of "Pasteurised" school milk were taken and forwarded to the County Laboratory for examination.

Of the 56 samples obtained, 48 were up to the prescribed standard and 8 below such standard. Of these unsatisfactory samples 7 were below the prescribed standard as regards the "Phosphatase" Test, 1 was unsatisfactory as regards the bacterial count, and nil in respect of both the Phosphatase Test and the bacterial count.



# MEAT AND OTHER FOODS.

## 1. Slaughterhouses.

The number of visits to slaughterhouses and the number of animals inspected are shown under:

No. of visits to Slaughterhouses etc. 322.

No. of carcasses examined:

Bulls.	Nil.	
Bullocks.	Nil.	
Cows.	Nil.	
Heifers.	Nil.	
Calves.	Nil.	Nil.

Sheep.	Nil.
Pigs.	22,139.

Total	22,139.
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## 2. Visits to Food Premises.

Nine hundred and sixteen visits were paid to food shops and premises within the Borough during the year.

## 3. Diseased or unsound Meat and Food.

As a result of the above inspection the following diseased or unsound conditions were discovered.

TABLE I. TUBERCULOSIS IN FOOD ANIMALS.

Portion dealt with.	Bovines		Pigs.		Totals. Bovines & Pigs	
	No.	Weight lbs.	No.	Weight lbs.	No.	Weight lbs.
Entire carcase and all offal	-	-	38	6,022	38	6,022
Head and tongue	-	-	1,662	23,902	1,662	23,902
Plucks	-	-	678	4,287	678	4,287
Messenteries	-	-	2,313	3,319	2,313	3,319
Collars	-	-	159	492	159	492
Fore-ends	-	-	15	363	15	363
Total	-	-	4,865	38,385	4,865	38,385

TABLE II. DISEASES OTHER THAN TUBERCULOSIS IN FOOD  
ANIMALS.

KIND OF ANIMAL.	Diseases, etc.	Total Carcasses and all Offal	
		No.	Lbs.
SWINE	Abscesses	2	67
	Arthritis	3	41
	Asphyxiation	1	155
	Bruising	4	66
	Congestion and Cirrhosis	718	4,529
	Cystic	1,378	333
	Erysipelas	2	197
	Moribund	8	1,254
	Peritonitis	6	13
	Septic Peritonitis.	1	147
	Swine Fever.	9	1,460
	Total	2,132	8,262

TABLE III. CARCASSES INSPECTED AND CONDEMNED.

	Cattle ex-cluding Cows.	Cows.	Calves.	Sheep and Lambs	Pigs.
Number killed	-	-	-	-	22,189
Number inspected	-	-	-	-	22,189
All diseases except Tuberculosis: Whole carcasses condemned	-	-	-	-	21
Carcasses of which some part or organ was condemned	-	-	-	-	1,754
Percentage of the number inspected affected with disease other than Tuberculosis.	-	-	-	-	7.9%
Tuberculosis only: Whole carcasses condemned	-	-	-	-	38
Carcass of which some part or organ was condemned	-	-	-	-	2,401
Percentage of the number inspected affected with Tuberculosis	-	-	-	-	10.8%

### Registered Premises.

The number of premises registered under Section 14 of the Act is as follows:

For manufacture and sale of ice-cream	7
For sale only of ice-cream	20
For preparation or manufacture of sausages, or potted, pressed, pickled or preserved food intended for sale	36

Total number of registered Premises	<u>63</u>
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From the 1st October, 1942, the manufacture and sale of ice-cream was prohibited by order of the Ministry of Food.

### Food Poisoning.

No cases of food poisoning were notified under Section 17 during the year.

### PREVALENCE AND CONTROL OVER INFECTIOUS DISEASE.

#### 1. Small Pox.

No cases of Small Pox were notified during the year.

#### 2. Measles.

Two hundred and one cases of measles were notified to the Department during the year. Two cases were admitted to hospital, the others being treated at home. None of the cases proved fatal. The incidence of the disease reached its highest peak in December when 63 cases were notified, its lowest level being in January and February when no notifications were received. One case only was notified in March, three in April, fifteen in May, thirty-two in June, forty-five in July, twenty in August, six in September, three in October and thirteen in November.

#### 3. Whooping Cough.

Forty-one Whooping Cough cases were notified during the year, all of which were treated at home. The highest number of cases notified in any one month was twelve in May, the lowest being in the months of August, November and December when no cases were notified. Six cases were notified in January, four in February, three in March, ten in April, two in June, one in July, one in September and two in October.

#### 4. Scarlet Fever.

Forty-three cases of Scarlet Fever were notified during the year, an increase of two compared with forty-one cases notified in 1941. Thirty-nine cases were admitted to the Isolation Hospital, and four cases were treated at home. None of the cases proved fatal. The highest number of cases notified in any one month was thirteen in November, the next highest being ten in September. Seven cases were notified in December, six in October, two in each of the months of August and April and one in each of the months of February, March and May. No cases were notified in June or July.



5. Diphtheria.

No cases of Diphtheria were notified in the Borough during the year under review. At the 31st December 2,367 children between the ages of 1 and 5 years and 2,600 children between the ages of 5 and 15 years had been immunised.

6. Erysipelas.

Twelve cases of Erysipelas were notified during the year, of which five were admitted to the Isolation Hospital, the remainder being home cases. This is an increase of nine compared with three cases notified in 1941.

7. Ophthalmia Neonatorum.

Eleven cases of Ophthalmia Neonatorum were notified to the Department during the year; two in February, one in each of the months of April, May, June, July, August, November and December, and two in October. One case only was admitted to hospital, the remainder being treated at home.

8. Acute Poliomyelitis.

No cases of this disease were notified during the year.

9. Puerperal Pyrexia.

Five cases of Puerperal Pyrexia were notified during the year. One case occurred in a Nursing Home, and the remainder were home cases.

10. Pneumonia.

Seven cases of Pneumonia occurred during the year, all of which were treated at home. This is a decrease of ten on a total of 17 cases notified to this Department in 1941.

11. Cerebro Spinal Fever.

Three notifications of cases of Cerebro Spinal Fever were received during the year. Two of these were in respect of members of H. M. Forces.

12. Examination of Bacteriological Specimens.

Bacteriological examinations are carried out free of charge by the County Authorities, and full advantage is taken of these facilities.

13. Cleansing and Disinfection of Verminous Persons.

Verminous clothing, bedding etc., are disinfected with "KILLGERCIDE" and houses and rooms are either disinfected with "KILLGERM" fumigators or sprayed with "KILLGERCIDE".

The number of rooms disinfected during the year were as follows:

After cases of notifiable disease	49
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After cases of non-notifiable disease	6
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	55
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Clothes and bedding of persons infected with Scabies are steam disinfected at the Isolation Hospital.

TUBERCULOSIS.

New Cases and Mortality during 1942.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 - 1	-	-	-	-	-	-	-	-
1 - 5	-	-	-	-	-	-	-	-
5 - 15	-	-	-	-	-	-	-	-
15 - 25	-	-	-	-	-	-	-	-
25 - 35	3	2	-	1	-	1	-	-
35 - 45	1	1	-	-	1	-	-	-
45 - 55	4	1	-	-	2	1	-	-
55 - 65	4	-	-	-	-	-	-	-
65 and upwards	2	-	-	-	1	-	-	-
Age not known	1	-	-	1	-	-	-	-
Totals	15	4	-	2	4	2	-	-

*Albion*

MEDICAL OFFICER OF HEALTH.

Public Health Department,  
Town Hall,  
EASTLEIGH,  
Hants.

Date				Time				Place			
Day	Month	Year	Hour	Min	Sec	Lat	Long	Alt	Wind	Temp	Humidity
1	1	1900	12	00	00	30	100	100	W	50	50
2	1	1900	12	00	00	30	100	100	W	50	50
3	1	1900	12	00	00	30	100	100	W	50	50
4	1	1900	12	00	00	30	100	100	W	50	50
5	1	1900	12	00	00	30	100	100	W	50	50
6	1	1900	12	00	00	30	100	100	W	50	50
7	1	1900	12	00	00	30	100	100	W	50	50
8	1	1900	12	00	00	30	100	100	W	50	50
9	1	1900	12	00	00	30	100	100	W	50	50
10	1	1900	12	00	00	30	100	100	W	50	50
11	1	1900	12	00	00	30	100	100	W	50	50
12	1	1900	12	00	00	30	100	100	W	50	50
13	1	1900	12	00	00	30	100	100	W	50	50
14	1	1900	12	00	00	30	100	100	W	50	50
15	1	1900	12	00	00	30	100	100	W	50	50
16	1	1900	12	00	00	30	100	100	W	50	50
17	1	1900	12	00	00	30	100	100	W	50	50
18	1	1900	12	00	00	30	100	100	W	50	50
19	1	1900	12	00	00	30	100	100	W	50	50
20	1	1900	12	00	00	30	100	100	W	50	50
21	1	1900	12	00	00	30	100	100	W	50	50
22	1	1900	12	00	00	30	100	100	W	50	50
23	1	1900	12	00	00	30	100	100	W	50	50
24	1	1900	12	00	00	30	100	100	W	50	50
25	1	1900	12	00	00	30	100	100	W	50	50
26	1	1900	12	00	00	30	100	100	W	50	50
27	1	1900	12	00	00	30	100	100	W	50	50
28	1	1900	12	00	00	30	100	100	W	50	50
29	1	1900	12	00	00	30	100	100	W	50	50
30	1	1900	12	00	00	30	100	100	W	50	50
31	1	1900	12	00	00	30	100	100	W	50	50